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ABSTRACT

This report examines trends in the educational progress of women who attended Maryland institutions of higher education from 1978 to 1997. Data on the educational achievements of women are compared with those of men, organized under the general categories of enrollment, retention and graduation rates, degrees or certificates conferred, and employment of graduates. Eight figures and associated text provide information on: (1) representation of women students: 1978 and 1997; (2) enrollment in science programs by gender: 1978-97; (3) second year retention rates for freshman cohorts at Maryland four-year public colleges and universities, by gender: 1978 and 1996; (4) six-year graduation rates for freshman cohorts at Maryland four-year public colleges and universities, by gender: 1978 and 1991; (5) four-year graduation and transfer rates at Maryland community colleges, by gender: 1978 and 1993; (6) percent of degrees earned in Maryland, by gender: 1997; (7) median annual salary of bachelor's degree recipients employed full-time, by gender: 1981-96; and (8) average annual salary of community college graduates employed full-time, by gender: 1984-96. An appendix provides 27 tables of additional data, organized according to the same general categories. (DB)

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MARYLAND HIGHER EDUCATION COMMISSION

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THE EDUCATIONAL PROGRESS OF WOMEN 1978 TO 1997

NOVEMBER 1998

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INTRODUCTION

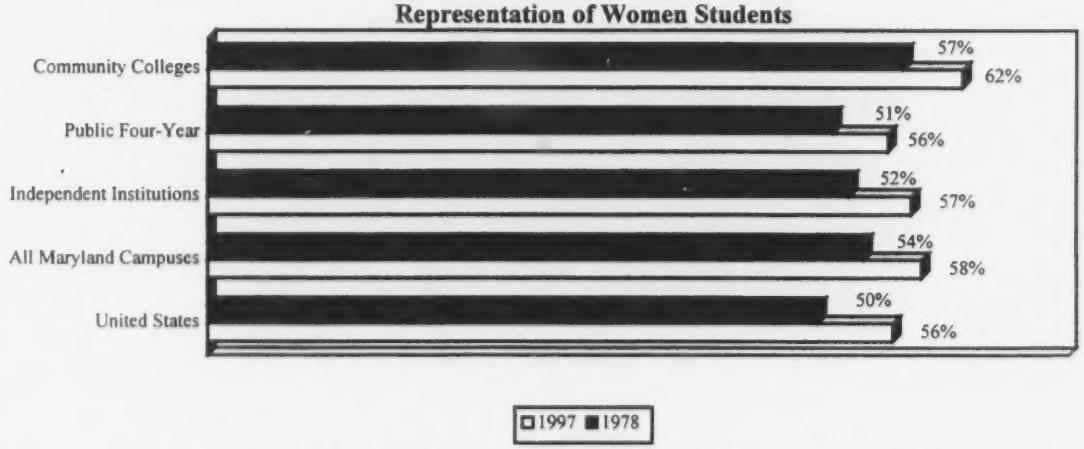
Issues relating to the educational progress of women in higher education have become increasingly prominent since the early 1970s. Like other states, Maryland is committed to ensuring the equitable participation of women in higher education. Maryland Higher Education Commission goals and policies call for the further development of statewide policies to increase the number of women students and graduates, particularly in critical shortage areas.

The purpose of this report is to show trends in the educational progress of women attending Maryland institutions between 1978 and 1997. Data on the achievements of women are compared with those of men and are organized under the general categories of enrollment, retention and graduation rates, degrees and certificates conferred, and the employment of women graduates. Additional tables are included in appendix A.

ENROLLMENT

Enrollment at Maryland higher education institutions increased 21 percent between 1978 and 1997. Much of this growth can be attributed to an increase in the enrollment of women. Between 1978 and 1997, the number of men enrolled rose 9 percent while the number of women increased by 32 percent. Women were responsible for 80 percent of the total enrollment growth at Maryland Colleges and Universities in the last two decades. Enrollment of women at community colleges increased 31 percent from 48,932 in 1978 to 64,023 in 1997. At Maryland's four-year public institutions, the enrollment of women increased 22 percent from 51,445 in 1978 to 62,849 in 1997. The most dramatic increase in the number of women enrolled occurred at Maryland's independent colleges and universities. During the last two decades, the enrollment of women increased 70 percent from 14,950 in 1978 to 25,385 in 1997.

Figure 1
Representation of Women Students



Source: Maryland Higher Education Commission Enrollment Information System.
U. S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997"

As a share of total college enrollment, women continue to outnumber men at Maryland campuses, comprising 58 percent of all students enrolled in 1997 compared with 54 percent in 1978 (figure 1). This exceeds the national rate of 56 percent for women enrolled in higher education institutions in the United States. At the community colleges, women account for 62 percent of all enrollments in 1997 compared to 57 percent in 1978. As a share of enrollment at the four-year public institutions, women comprise 56 percent of all enrollments in 1997 compared to 51 percent in 1978. Women comprise 57 percent of total enrollment at the independent colleges and universities compared to 53 percent two decades ago.

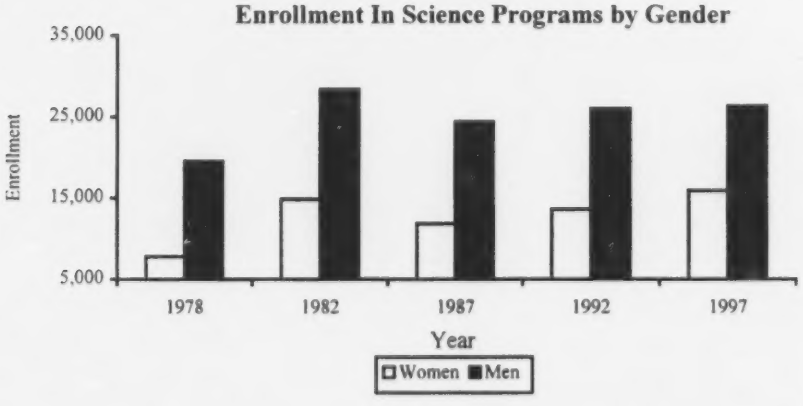
Enrollment trends differ at the undergraduate and graduate/professional level. Although women outnumbered men among undergraduates (59 percent) in 1997, the enrollment of women in undergraduate programs generally increased between 1978 and 1992 but declined somewhat between 1992 and 1997. Much of this decline was in part-time enrollment. In 1997, 50 percent of undergraduate women were enrolled part-time compared to 55 percent in 1992.

The number of women enrolled in graduate and professional programs nearly doubled from 14,486 in 1978 to 26,351 in 1997. This 82 percent increase is due to rapid growth in the number of women who enrolled full-time. Between 1978 and 1997, the number of women enrolled full-time in a graduate/professional program doubled. Overall, women's share of enrollment in graduate and professional school increased dramatically, from 49 percent in 1978 to 56 percent in 1997.

Enrollment in Underrepresented Disciplines

The Maryland Higher Education Commission has sought to increase the number of women who enter undergraduate and graduate work in critical shortage areas. As seen in Figure 2, women continue to lag significantly behind men in terms of enrollment in science programs.[1]

Figure 2
Enrollment In Science Programs by Gender



Source: Maryland Higher Education Commission Enrollment Information System.

[1] Science includes biological and physical science, engineering, mathematics, computer science and agriculture.

However, women have made progress. In 1978, 29 percent of all students enrolled in science programs were women. By 1997, this percentage increased to 38 percent. Outside of the sciences, women lead in enrollment in all other discipline categories (business, humanities, professions and social sciences).

RETENTION AND GRADUATION

Second Year Retention

At Maryland's public four-year colleges and universities, women are more likely to persist from their freshman to sophomore year than men. The second year retention rates for women in the 1996 cohort exceeds that of men at all but two public four-year campuses (University of Maryland Baltimore County and St. Mary's College). Overall, the second year retention rates for women increased from 73 percent to 81 percent between 1978 and 1996.

Figure 3
Second Year Retention Rates for Freshman Cohorts
At Maryland Four-Year Public Colleges and Universities
By Gender: 1978 and 1996

	1978 Cohort		1996 Cohort	
Institution	Women	Men	Women	Men
Bowie	70.3%	68.3%	74.4%	65.4%
Coppin	52.8%	51.5%	73.0%	63.2%
Frostburg	72.5%	69.4%	75.0%	66.3%
Salisbury	72.3%	69.5%	85.3%	82.1%
Towson	75.1%	74.0%	83.3%	75.8%
UMBC	66.9%	63.5%	81.5%	82.1%
UMCP	79.0%	77.9%	86.8%	86.4%
UMES	52.1%*	53.2%*	86.8%	72.2%
Morgan	71.7%	64.5%	73.7%	68.2%
St. Mary's	69.9%	66.2%	88.3%	91.7%
All Campuses	73.3%	72.7%	81.1%	78.5%

* 1980 cohort data.

Source: Maryland Higher Education Commission Enrollment Information System

Six Year Graduation Rates

A similar pattern emerged among the six-year graduation rates for women and men. The six-year graduation rates of women at public four-year campuses exceeded that of men in both the 1978 and 1991 cohorts and the gap has widened sharply. Sixty percent of the women who matriculated in 1991 earned a degree, compared to less than half of the men. As seen in Figure 4, this has been true at all public four-year campuses.

Figure 4
Six Year Graduation Rates for Freshman Cohorts
At Maryland Four-Year Public Colleges and Universities
By Gender: 1978 and 1991

	1978 Cohort		1991 Cohort	
Institution	Women	Men	Women	Men
Bowie	31.7%	20.7%	44.5%	31.3%
Coppin	14.3%	10.9%	34.8%	13.8%
Frostburg	51.9%	41.8%	67.6%	52.8%
Salisbury	47.8%	42.6%	70.3%	59.2%
Towson	48.8%	42.6%	66.7%	51.5%
UMBC	46.4%	42.3%	59.3%	48.8%
UMCP	58.3%	52.3%	69.0%	57.4%
UMES	24.8%*	32.4%*	43.2%	26.1%
Morgan	36.7%	27.6%	41.0%	29.5%
St. Mary's	49.2%	49.0%	84.8%	75.8%
All Campuses	48.6%	44.8%	60.4%	49.2%

*1980 cohort data.

Source: Maryland Higher Education Commission Enrollment Information System

Four Year Graduation and Transfer Rates

A similar pattern is also present for women attending Maryland's community colleges. Among all of the community colleges, the four-year graduation and transfer rates of women exceeded those of men for both the 1978 and 1993 cohorts, and the gap has widened. Overall, the percentage of women graduating and/or transferring rose slightly between 1978 and 1993 while those of men remained relatively flat.

Figure 5
Four Year Graduation and Transfer Rates
At Maryland Community Colleges
By Gender: 1978 and 1993

	1978 Cohort		1993 Cohort	
Institution	Women	Men	Women	Men
Allegany	29.7%	24.7%	44.6%	42.6%
Anne Arundel	35.0%	36.6%	39.6%	32.5%
Baltimore City	22.1%	22.2%	20.9%	20.4%
Carroll	n/a	n/a	45.7%	38.9%
Catonsville	35.9%	32.8%	32.0%	27.9%
Cecil	17.0%	12.0%	23.0%	24.6%
Charles	27.6%	11.2%	45.7%	43.1%
Chesapeake	25.6%	32.5%	47.2%	35.6%
Dundalk	19.0%	20.7%	26.0%	23.1%
Essex	33.8%	36.7%	35.8%	28.7%
Frederick	11.9%	12.2%	41.4%	38.7%
Garrett	32.0%	31.8%	44.6%	22.1%
Hagerstown	21.1%	20.4%	48.7%	27.6%
Harford	0.0%	0.0%	41.1%	31.7%
Howard	23.9%	28.6%	46.0%	35.1%
Montgomery	33.4%	31.9%	33.7%	27.6%
Prince George's	32.8%	31.3%	27.6%	25.1%
Wor-Wic	26.8%	36.3%	50.6%	38.7%
All Campuses	28.2%	27.8%	36.2%	30.3%

Note: Carroll Community College, formerly a branch of Catonsville Community College, became a separate institution in 1993.

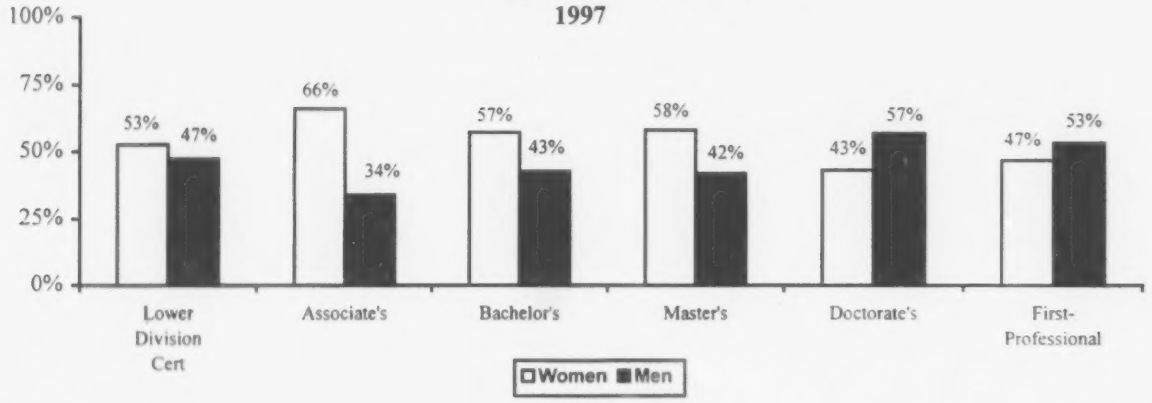
Source: Maryland Higher Education Commission Enrollment Information System

DEGREES CONFERRED

The growth in the number of women enrolled in Maryland institutions of higher education has led to a substantial increase in the number of degrees conferred. Between 1978 and 1997, the number of degrees awarded to women rose at all levels. At the undergraduate level, lower division certificates increased 92 percent, associate degrees increased 25 percent, and bachelor's degrees increased 40 percent during this time period.

Over the same period, the proportion of lower division certificates, associate's, bachelor's and master's degrees earned by women rose. In 1997, women constituted the majority of recipients of lower division certificates (53 percent), associate's degrees (66 percent), bachelor's degrees (57 percent) and master's degrees (58 percent). Overall, women earned a slightly higher proportion of associate's, bachelor's and master's degrees in Maryland than nationwide in 1997.

Figure 6
Percent of Degrees Earned by Gender
1997



Source: Maryland Higher Education Commission Degree Information System

Women continue to trail men in the number of doctorates and first professional degrees earned, although the gap is closing. In 1997, 43 percent of doctoral degrees went to women compared to 34 percent in 1978. Among first professional degrees awarded, 47 percent were award to women in 1997 compared to 23 percent in 1978.

An examination of the data by field of study shows that women have made great strides in earning bachelor's and master's degrees in two areas long dominated by men: science and business. Since 1978, the number of bachelor's degrees awarded to women in the sciences more than doubled, from 694 in 1978 to 1,547 in 1997. Overall, women received 41 percent of the baccalaureates awarded in the sciences in 1997 compared to just 30 percent in 1978. The number of bachelor's degrees awarded to women in business also has doubled during this period, from 655 to 1,396. Women earned half of all bachelor's degrees in business in 1997, compared to 28 percent in 1978.

The number of master's degrees in business and science earned by women also has grown substantially since the late 1970s; 88 master's degrees in business and 210 master's degrees in science were awarded to women in 1978, compared to 1,074 master's degrees in business and 833 master's degrees in science in 1997. Women earned 41 percent of the master's degrees in science in 1997, up from 31 percent in 1978. The increase in business is even more dramatic. Women received 43 percent of the master's degrees in 1997, compared to just 15 percent in 1978. At the doctoral level, the sharpest shift has come in the social sciences, where the percentage of women attaining degrees has soared from 9 percent to 61 percent during the 1978-1997 period. The proportion of first-professional degrees awarded to women in law, dentistry, medicine and pharmacy has increased substantially since the late 1970s.

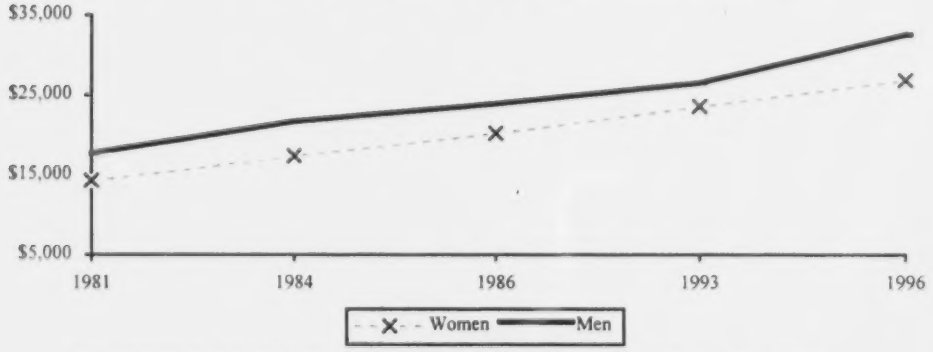
EMPLOYMENT OF GRADUATES

Bachelor's Degree Recipients

The employment picture among both female and male 1996 Maryland bachelor's degree recipients was good. One year after the class of 1996 received their bachelor's degrees, 76.2 percent of the women were employed full-time, 15 percent part-time, 3.4 percent were unemployed and 5.5 percent were not in the labor force. For men, 81 percent were employed full-time, 5.6 percent part-time, 4.1 percent were unemployed and 9.3 percent were not in the labor force. In 1996, half of the women who held full-time employment indicated that their jobs were directly related to their field of study. This compares to 45 percent of the men.

In 1996, the median annual earnings of women bachelor's degree recipients who worked full-time was $26,810 or 82 percent of men's earnings (table A-24). While a disparity in earnings after 15 years continues to exists between men and women, the ratio of women's to men's earnings ranged from a low of 80 percent in 1984 to a high of 89 percent in 1993.

Figure 7
Median Annual Salary Of Bachelor's Degree Recipients
Employed Full-Time by Gender: 1981 to 1996



Source: Maryland Higher Education Commission Bachelor's Degree Follow-Up Survey, 1981-1996.

Among 1996 bachelor's degree recipients, an overwhelming majority of both women and men employed full-time indicated that they were working in professional occupations (see table A-25).

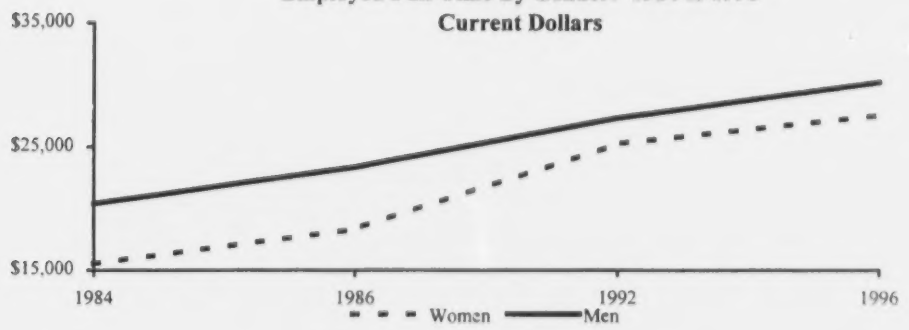
Slightly fewer women were employed in professional fields (87.5 percent) then men (92 percent) and more women were likely to have nonprofessional and nontechnical employment (11.9 percent) than men (5.2 percent). The largest number of women described their jobs as follows: education professions (administrators, teachers, counselors, librarians), financial management (accountants, financial analysts, bankers, and brokers), and computer programmers and analysts. In comparison, the largest percentage of men described their jobs as follows: computer programmers and analysts, managerial (managers, executives, proprietors), and engineers and architects.

Community College Graduates

The employment picture among 1996 community college graduates differed slightly between men and women. Among recent female graduates, 58.1 percent of women were employed full-time and 23.4 percent were employed part-time. In comparison, 64.1 percent of men were employed full-time and 18.3 percent were employed part-time (see table A-26). The unemployment rate was slightly higher for women (3.7 percent) than men (3.1 percent). In comparison, the percentage of the 1980 community college graduates employed full-time was 51.2 percent for women compared to 56.6 percent for men.

Since 1984, average annual salaries of women have consistently lagged behind the average salaries of men (see figure 7). In 1996, the average salaries of women ($27,544) were lower than those of men ($30,218).[2]

Figure 8
Average Annual Salary of Community College Graduates
Employed Full-Time By Gender: 1984 to 1996
Current Dollars



Source: Maryland Higher Education Commission Community College Graduate Follow-up Surveys, 1984-1996

[2] Salaries are in current dollar amounts.

APPENDIX A

TABLE A-1.
TOTAL HEADCOUNT ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Community Colleges						
Female	48,932	60,773	57,990	69,874	64,023	30.8%
Male	37,141	41,151	38,525	45,301	40,031	7.8%
% Female	56.8%	59.6%	60.1%	60.7%	61.5%	
Public Four-Year						
Female	51,445	52,229	56,649	60,518	62,849	22.2%
Male	49,266	48,292	50,547	52,329	50,347	2.2%
% Female	51.1%	52.0%	52.8%	53.6%	55.5%	
Independent Institutions						
Female	14,950	17,034	19,475	22,606	25,385	69.8%
Male	13,605	14,957	16,204	17,931	18,802	38.2%
% Female	52.4%	53.2%	54.6%	55.8%	57.4%	
All Maryland Campuses						
Female	115,327	130,036	134,114	152,998	152,257	32.0%
Male	100,012	104,400	105,276	115,561	109,180	9.2%
% Female	53.6%	55.5%	56.0%	57.0%	58.2%	
United States (1)						
% Female	49.9%	51.5%	53.5%	55.0%	55.9%	

Notes: (1) Projected data for 1997.
Source: Maryland Higher Education Commission Enrollment Information System.
U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-2.
UNDERGRADUATE HEADCOUNT ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Community Colleges						
Female	48,932	60,773	57,990	69,874	64,023	30.8%
Male	37,141	41,151	38,525	45,301	40,031	7.8%
% Female	56.8%	59.6%	60.1%	60.7%	61.5%	
Public Four-Year						
Female	42,143	42,898	45,732	45,901	47,075	11.7%
Male	39,651	39,290	40,442	39,996	38,244	-3.5%
% Female	51.5%	52.2%	53.1%	53.4%	55.2%	
Independent Institutions						
Female	9,766	11,749	13,096	14,278	14,808	51.6%
Male	8,062	8,685	8,824	9,733	9,961	23.6%
% Female	54.8%	57.5%	59.7%	59.5%	59.8%	
All Maryland Campuses						
Female	100,841	115,420	116,818	130,053	125,906	24.9%
Male	84,854	89,126	87,791	95,030	88,236	4.0%
% Female	54.3%	56.4%	57.1%	57.8%	58.8%	
United States (1)						
% Female	50.8%	52.2%	54.1%	55.5%	56.4%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.

U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-3.
FULL-TIME UNDERGRADUATE ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Community Colleges						
Female	14,346	15,937	12,752	17,728	17,944	25.1%
Male	13,401	14,550	11,856	15,164	14,215	6.1%
% Female	51.7%	52.3%	51.8%	53.9%	55.8%	
Public Four-Year						
Female	28,763	29,047	30,597	31,069	34,103	18.6%
Male	27,145	26,829	28,062	27,684	28,017	3.2%
% Female	51.4%	52.0%	52.2%	52.9%	54.9%	
Independent Institutions						
Female	7,529	8,142	8,882	9,239	10,702	42.1%
Male	6,117	6,468	6,639	7,390	8,340	36.3%
% Female	55.2%	55.7%	57.2%	55.6%	56.2%	
All Maryland Campuses						
Female	50,638	53,126	52,231	58,036	62,749	23.9%
Male	46,663	47,847	46,557	50,238	50,572	8.4%
% Female	52.0%	52.6%	52.9%	53.6%	55.4%	
United States (1)						
% Female	48.5%	49.1%	51.0%	52.7%	54.5%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.
U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-4.
PART-TIME UNDERGRADUATE ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Community Colleges						
Female	34,586	44,836	45,238	52,146	46,079	33.2%
Male	23,740	26,601	26,669	30,137	25,816	8.7%
% Female	59.3%	62.8%	62.9%	63.4%	64.1%	
Public Four-Year						
Female	13,380	13,851	15,135	14,832	12,972	-3.0%
Male	12,506	12,461	12,380	12,312	10,227	-18.2%
% Female	51.7%	52.6%	55.0%	54.6%	55.9%	
Independent Institutions						
Female	2,237	3,607	4,214	5,039	4,106	83.5%
Male	1,945	2,217	2,185	2,343	1,621	-16.7%
% Female	53.5%	61.9%	65.9%	68.3%	71.7%	
All Maryland Campuses						
Female	50,203	62,294	64,587	72,017	63,157	25.8%
Male	38,191	41,279	41,234	44,792	37,664	-1.4%
% Female	56.8%	60.1%	61.0%	61.7%	62.6%	
United States (1)						
% Female	54.5%	56.9%	58.4%	59.2%	59.0%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.

U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-5.
TOTAL GRADUATE AND FIRST-PROFESSIONAL HEADCOUNT ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Public Four-Year						
Female	9,302	9,331	10,917	14,617	15,774	69.6%
Male	9,615	9,002	10,105	12,333	12,103	25.9%
% Female	49.2%	50.9%	51.9%	54.2%	56.6%	
Independent Institutions						
Female	5,184	5,285	6,379	8,328	10,577	104.0%
Male	5,543	6,272	7,380	8,198	8,841	59.5%
% Female	48.3%	45.7%	46.4%	50.4%	54.5%	
All Maryland Campuses						
Female	14,486	14,616	17,296	22,945	26,351	81.9%
Male	15,158	15,274	17,485	20,531	20,944	38.2%
% Female	48.9%	48.9%	49.7%	52.8%	55.7%	
United States (1)						
% Female	44.3%	46.3%	49.8%	51.7%	53.2%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.

U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

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TABLE A-6.
FULL-TIME GRADUATE AND PROFESSIONAL ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Public Four-Year						
Female	2,739	3,308	3,909	5,470	6,215	126.9%
Male	4,084	4,170	4,484	5,339	5,362	31.3%
% Female	40.1%	44.2%	46.6%	50.6%	53.7%	
Independent Institutions						
Female	1,302	1,531	1,729	2,326	2,813	116.1%
Male	2,277	2,466	2,885	2,969	2,981	30.9%
% Female	36.4%	38.3%	37.5%	43.9%	48.6%	
All Campuses						
Female	4,041	4,839	5,638	7,796	9,028	123.4%
Male	6,361	6,636	7,369	8,308	8,343	31.2%
% Female	38.8%	42.2%	43.3%	48.4%	52.0%	
United States (1)						
% Female	35.1%	38.4%	41.7%	45.2%	48.2%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.
U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-7.

PART-TIME GRADUATE/PROFESSIONAL ENROLLMENT
BY SEGMENT AND GENDER: SELECTED YEARS 1978 TO 1997

Segment/Gender	1978	1982	1987	1992	1997	% Change
Public Four-Year						
Female	6,563	6,023	7,008	9,147	9,559	45.6%
Male	5,531	4,832	5,621	6,994	6,741	21.9%
% Female	54.3%	55.5%	55.5%	56.7%	58.6%	
Independent Institutions						
Female	3,882	3,754	4,650	6,002	7,764	100.0%
Male	3,266	3,806	4,495	5,229	5,860	79.4%
% Female	54.3%	49.7%	50.8%	53.4%	57.0%	
All Maryland Campuses						
Female	10,445	9,777	11,658	15,149	17,323	65.8%
Male	8,797	8,638	10,116	12,223	12,601	43.2%
% Female	54.3%	53.1%	53.5%	55.3%	57.9%	
United States (1)						
% Female	51.7%	52.8%	56.2%	57.5%	57.1%	

Notes: (1) Projected data for 1997.

Source: Maryland Higher Education Commission Enrollment Information System.

U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics 1997", and "Projections of Education Statistics to 2007".

TABLE A-8.
TOTAL ENROLLMENT IN DEGREE PROGRAMS*
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	17,876	18,869	25,207	20,318	23,958	18,999	24,230	19,817	20,632	17,124
Humanities	4,710	3,331	4,141	3,167	4,950	3,768	5,952	4,730	6,049	4,673
Professions	28,705	12,847	28,140	10,475	25,859	9,468	37,704	12,514	39,938	12,681
Science	7,257	19,032	14,405	28,020	11,812	24,408	13,624	26,008	15,928	26,338
Social Science	29,617	24,074	36,537	26,853	28,111	21,549	36,843	27,451	37,272	25,676
Unknown	9,925	7,155	10,089	7,765	8,022	5,199	7,128	5,275	9,271	6,649
Total:	98,090	85,308	118,519	96,598	102,712	83,391	125,481	95,795	129,090	93,141
Percentage:										
Business	48.6%	51.4%	55.4%	44.6%	55.8%	44.2%	55.0%	45.0%	54.6%	45.4%
Humanities	58.6%	41.4%	56.7%	43.3%	56.8%	43.2%	55.7%	44.3%	56.4%	43.6%
Professions	69.1%	30.9%	72.9%	27.1%	73.2%	26.8%	75.1%	24.9%	75.9%	24.1%
Science	27.6%	72.4%	34.0%	66.0%	32.6%	67.4%	34.4%	65.6%	37.7%	62.3%
Social Science	55.2%	44.8%	57.6%	42.4%	56.6%	43.4%	57.3%	42.7%	59.2%	40.8%

Notes:

(1) Includes enrollment in the following degree programs: Lower Division Certificates, Associates, Bachelor's, Master's, Doctoral, and First-Professional programs.

(2) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-9.
ENROLLMENT IN LOWER DIVISION CERTIFICATE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

Certificates	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Bus & Com Tech	1,076	370	1,598	416	1,791	565	1,717	572	1,315	606
Data Proc Tech	282	234	1,938	1,294	861	466	680	428	487	482
Health Svc Tech	220	26	406	80	321	149	691	205	736	158
Mech & Eng Tech	43	309	66	627	110	898	118	822	179	872
Natural Sci Tech	110	122	136	90	81	86	160	158	181	143
Public Svc Tech	419	544	407	146	629	262	863	340	810	224
Unknown	29	7	10	0	411	153	383	83	155	59
Total:	2,179	1,612	4,561	2,653	4,204	2,579	4,638	2,610	3,960	2,577
Percentage:										
Bus & Com Tech	74.4%	25.6%	79.3%	20.7%	76.0%	24.0%	75.0%	25.0%	68.5%	31.5%
Data Proc Tech	54.7%	45.3%	60.0%	40.0%	64.9%	35.1%	61.4%	38.6%	50.3%	49.7%
Health Svc Tech	89.4%	10.6%	83.5%	16.5%	68.3%	31.7%	77.1%	22.9%	82.3%	17.7%
Mech & Eng Tech	12.2%	87.8%	9.5%	90.5%	10.9%	89.1%	12.6%	87.4%	17.0%	83.0%
Natural Sci Tech	47.4%	52.6%	60.2%	39.8%	48.5%	51.5%	50.3%	49.7%	55.9%	44.1%
Public Svc Tech	43.5%	56.5%	73.6%	26.4%	70.6%	29.4%	71.7%	28.3%	78.3%	21.7%

Note: Total includes directed technologies in 1992 and 1997.

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-10.
ENROLLMENT IN ASSOCIATE DEGREE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

Discipline	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Transfer Programs										
Arts & Sciences	2,863	2,141	3,423	2,353	3,688	2,345	4,420	2,678	4,378	2,753
Engineering	111	1,383	304	2,244	218	1,488	238	1,720	184	1,033
General Studies	12,407	8,278	17,918	11,119	6,610	4,207	12,538	8,541	12,729	8,370
Teacher Education	1,370	554	1,251	481	1,496	346	2,451	742	2,220	702
Bus. Administration	2,906	3,397	4,279	3,686	3,683	2,933	4,341	3,252	3,510	2,387
Computer Science	n/a	n/a	n/a	n/a	512	666	768	1,079	973	1,736
Career Programs										
Bus. & Com. Tech.	8,009	4,594	10,383	4,963	7,598	3,217	7,352	3,311	5,622	2,279
Data Proc. Tech.	1,562	1,981	5,385	4,741	2,076	1,540	1,767	1,431	1,848	1,725
Health Svc. Tech.	4,857	768	6,888	982	3,963	532	8,674	1,610	8,130	1,453
Mech. & Eng. Tech.	302	3,045	472	4,446	293	2,369	391	2,544	368	2,127
Natural Sci. Tech.	120	181	134	121	163	254	218	372	323	446
Public Svc. Tech.	2,134	2,263	2,046	1,840	1,741	1,183	3,256	1,858	3,577	1,587
Unknown	523	240	751	398	666	291	386	142	1,205	529
Total-All Associate Degrees	37,164	28,825	53,234	37,374	32,707	21,371	46,800	29,280	45,067	27,127
Percentage:										
Transfer Programs										
Arts & Sciences	57.2%	42.8%	59.3%	40.7%	61.1%	38.9%	62.3%	37.7%	61.4%	38.6%
Engineering	7.4%	92.6%	11.9%	88.1%	12.8%	87.2%	12.2%	87.8%	15.1%	84.9%
General Studies	60.0%	40.0%	61.7%	38.3%	61.1%	38.9%	59.5%	40.5%	60.3%	39.7%
Teacher Education	71.2%	28.8%	72.2%	27.8%	81.2%	18.8%	76.8%	23.2%	76.0%	24.0%
Bus. Administration	46.1%	53.9%	53.7%	46.3%	55.7%	44.3%	57.2%	42.8%	59.5%	40.5%
Computer Science	n/a	n/a	n/a	n/a	43.5%	56.5%	41.6%	58.4%	35.9%	64.1%
Career Programs										
Bus. & Com. Tech.	63.5%	36.5%	67.7%	32.3%	70.3%	29.7%	68.9%	31.1%	71.2%	28.8%
Data Proc. Tech.	44.1%	55.9%	53.2%	46.8%	57.4%	42.6%	55.3%	44.7%	51.7%	48.3%
Health Svc. Tech.	86.3%	13.7%	87.5%	12.5%	88.2%	11.8%	84.3%	15.7%	84.8%	15.2%
Mech. & Eng. Tech.	9.0%	91.0%	9.6%	90.4%	11.0%	89.0%	13.3%	86.7%	14.7%	85.3%
Natural Sci. Tech.	39.9%	60.1%	52.5%	47.5%	39.1%	60.9%	36.9%	63.1%	42.0%	58.0%
Public Svc. Tech.	48.5%	51.5%	52.7%	47.3%	59.5%	40.5%	63.7%	36.3%	69.3%	30.7%

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-11.
ENROLLMENT IN BACHELOR'S DEGREE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	4,841	8,275	7,043	7,911	8,109	8,443	6,773	7,168	6,043	6,629
Humanities	3,989	2,353	3,380	2,193	3,993	2,434	4,644	3,455	4,748	3,420
Professions	12,101	3,313	10,455	2,596	10,736	2,980	12,411	3,684	12,908	3,701
Science	3,915	9,146	4,878	11,113	5,749	11,724	7,050	11,883	8,752	12,423
Social Science	12,634	11,952	13,315	11,911	15,470	13,329	16,568	14,198	16,871	12,684
Unknown	8,801	6,592	9,047	7,107	6,677	4,685	6,082	4,957	7,722	5,870
Total:	46,281	41,631	48,118	42,831	50,734	43,595	53,528	45,345	57,044	44,727
Percentage:										
Business	36.9%	63.1%	47.1%	52.9%	49.0%	51.0%	48.6%	51.4%	47.7%	52.3%
Humanities	62.9%	37.1%	60.6%	39.4%	62.1%	37.9%	57.3%	42.7%	58.1%	41.9%
Professions	78.5%	21.5%	80.1%	19.9%	78.3%	21.7%	77.1%	22.9%	77.7%	22.3%
Science	30.0%	70.0%	30.5%	69.5%	32.9%	67.1%	37.2%	62.8%	41.3%	58.7%
Social Science	51.4%	48.6%	52.8%	47.2%	53.7%	46.3%	53.9%	46.1%	57.1%	42.9%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-12.
ENROLLMENT IN MASTER'S DEGREE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	1,020	2,186	1,879	3,307	2,751	3,775	4,008	5,436	4,116	5,167
Humanities	473	619	516	521	633	582	904	595	882	680
Professions	5,889	2,072	4,380	1,411	4,513	1,427	6,621	1,677	8,393	2,356
Science	487	1,414	659	2,000	1,093	3,009	1,203	3,192	1,454	2,938
Social Science	1,398	1,177	1,459	994	1,808	1,092	2,663	1,352	2,623	1,205
Unknown	571	313	280	257	245	60	277	93	167	174
Total:	9,838	7,781	9,173	8,490	11,043	9,945	15,676	12,345	17,635	12,520
Percentage:										
Business	31.8%	68.2%	36.2%	63.8%	42.2%	57.8%	42.4%	57.6%	44.3%	55.7%
Humanities	43.3%	56.7%	49.8%	50.2%	52.1%	47.9%	60.3%	39.7%	56.5%	43.5%
Professions	74.0%	26.0%	75.6%	24.4%	76.0%	24.0%	79.8%	20.2%	78.1%	21.9%
Science	25.6%	74.4%	24.8%	75.2%	26.6%	73.4%	27.4%	72.6%	33.1%	66.9%
Social Science	54.3%	45.7%	59.5%	40.5%	62.3%	37.7%	66.3%	33.7%	68.5%	31.5%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-13.
ENROLLMENT IN DOCTORAL DEGREE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	24	47	25	35	26	66	39	78	26	56
Humanities	247	228	234	204	311	341	394	310	413	303
Professions	816	688	1,127	710	1,141	624	1,129	583	1,152	527
Science	325	1,217	433	1,344	656	1,908	1,005	2,377	1,082	2,380
Social Science	315	526	422	476	535	576	654	682	671	664
Unknown	1	3	1	3	23	10	0	0	22	17
Total:	1,728	2,709	2,242	2,772	2,692	3,525	3,221	4,030	3,366	3,947
Percentage:										
Business	33.8%	66.2%	41.7%	58.3%	28.3%	71.7%	33.3%	66.7%	31.7%	68.3%
Humanities	52.0%	48.0%	53.4%	46.6%	47.7%	52.3%	56.0%	44.0%	57.7%	42.3%
Professions	54.3%	45.7%	61.4%	38.6%	64.6%	35.4%	65.9%	34.1%	68.6%	31.4%
Science	21.1%	78.9%	24.4%	75.6%	25.6%	74.4%	29.7%	70.3%	31.3%	68.7%
Social Science	37.5%	62.5%	47.0%	53.0%	48.2%	51.8%	49.0%	51.0%	50.3%	49.7%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-14.
ENROLLMENT IN PROFESSIONAL DEGREE PROGRAMS
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1977

Discipline	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Dentistry	85	443	122	378	137	265	173	212	167	224
Medicine	256	946	348	852	362	692	467	601	499	563
Pharmacy	7	5	4	8	15	6	25	9	386	264
Law	551	1,225	706	991	805	1,002	943	993	960	922
Theology	1	131	11	249	13	411	10	370	6	270
Total:	900	2,757	1,191	2,485	1,332	2,376	1,618	2,185	2,018	2,243
Percentage:										
Dentistry	16.1%	83.9%	24.4%	75.6%	34.1%	65.9%	44.9%	55.1%	42.7%	57.3%
Medicine	21.3%	78.7%	29.0%	71.0%	34.3%	65.7%	43.7%	56.3%	47.0%	53.0%
Pharmacy	58.3%	41.7%	33.3%	66.7%	71.4%	28.6%	73.5%	26.5%	59.4%	40.6%
Law	31.0%	69.0%	41.6%	58.4%	44.5%	55.5%	48.7%	51.3%	51.0%	49.0%
Theology	0.8%	99.2%	4.2%	95.8%	3.1%	96.9%	2.6%	97.4%	2.2%	97.8%

Source: Maryland Higher Education Commission Enrollment Information System

TABLE A-15.
SUMMARY OF DEGREES AWARDED AT MARYLAND CAMPUSES
BY DEGREE LEVEL AND GENDER: SELECTED YEARS 1978 TO 1997

Degree/Gender	1978	1982	1987	1992	1997	% Change
Lower Division Cert						
# Female	506	721	825	912	970	91.7%
# Male	453	587	646	927	872	92.5%
% Female	52.8%	55.1%	56.1%	49.6%	52.7%	
Associate's						
# Female	4,273	4,418	4,511	5,098	5,333	24.8%
# Male	3,947	2,739	2,619	3,068	2,735	-30.7%
Maryland - % Female	52.0%	61.7%	63.3%	62.4%	66.1%	
United States - % Female	50.3%	54.7%	56.3%	58.9%	60.1%	
Bachelor's						
# Female	8,370	8,639	9,273	11,505	11,673	39.5%
# Male	8,396	7,468	7,517	8,819	8,711	3.8%
Maryland - % Female	49.9%	53.6%	55.2%	56.6%	57.3%	
United States - % Female	47.1%	50.3%	51.5%	54.2%	55.4%	
Master's						
# Female	3,121	2,815	2,891	4,154	5,757	84.5%
# Male	2,394	2,210	2,446	3,342	4,152	73.4%
Maryland - % Female	56.6%	56.0%	54.2%	55.4%	58.1%	
United States - % Female	48.3%	50.8%	51.2%	54.1%	52.7%	
Doctorate						
# Female	195	248	266	374	427	119.0%
# Male	382	346	416	554	561	46.9%
Maryland - % Female	33.8%	41.8%	39.0%	40.3%	43.2%	
United States - % Female	26.4%	32.1%	35.2%	37.1%	39.4%	
First Professional (1)						
# Female	216	262	362	416	509	135.6%
# Male	720	709	614	530	578	-19.7%
Maryland - % Female	23.1%	27.0%	37.1%	44.0%	46.8%	
United States - % Female	21.5%	27.5%	35.0%	39.2%	39.9%	

Notes: *Does not include upper division, post-baccalaureate, and first-professional certificates.

(1) First professional degrees are awarded in the following areas: medicine, pharmacy, dentistry, law, and theological professions.

Source: Maryland Higher Education Commission Degree Information System

U.S. Department of Education, National Center for Education Statistics, "Digest of Education Statistics, 1997".

TABLE A-16.
TOTAL DEGREES AWARDED BY PROGRAM
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997.

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	1,764	2,940	3,022	3,319	3,852	3,118	4,243	3,567	3,810	3,460
Humanities	1,413	764	1,212	677	1,186	767	1,765	1,054	1,752	1,058
Professions	7,781	3,598	6,727	2,753	5,999	2,217	7,638	2,842	9,229	3,193
Science	1,180	3,168	1,731	3,615	2,355	4,405	2,395	4,860	3,089	5,035
Social Science	4,452	5,779	4,411	3,695	4,736	3,751	6,393	4,916	6,787	4,859
Total:	16,590	16,249	17,103	14,059	18,128	14,258	22,434	17,239	24,667	17,605
Percentage:										
Business	37.5%	62.5%	47.7%	52.3%	55.3%	44.7%	54.3%	45.7%	52.4%	47.6%
Humanities	64.9%	35.1%	64.2%	35.8%	60.7%	39.3%	62.6%	37.4%	62.3%	37.7%
Professions	68.4%	31.6%	71.0%	29.0%	73.0%	27.0%	72.9%	27.1%	74.3%	25.7%
Science	27.1%	72.9%	32.4%	67.6%	34.8%	65.2%	33.0%	67.0%	38.0%	62.0%
Social Science	43.5%	56.5%	54.4%	45.6%	55.8%	44.2%	56.5%	43.5%	58.3%	41.7%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

(2) Excludes unknown programs.

Source: Maryland Higher Education Commission Degree Information System

TABLE A-17.
LOWER DIVISION CERTIFICATES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

Certificates	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Bus & Com Tech	170	42	224	67	301	74	322	94	293	99
Data Proc Tech	50	77	169	129	207	122	140	100	92	75
Health Svc Tech	160	33	166	56	148	43	216	86	269	32
Mech & Eng Tech	6	154	24	274	27	328	27	486	45	458
Natural Sci Tech	15	29	47	12	32	24	42	75	39	66
Public Svc Tech	104	118	91	49	110	55	157	83	215	131
Total:	506	453	721	587	825	646	912	927	970	872
Percentage:										
Bus & Com Tech	80.2%	19.8%	77.0%	23.0%	80.3%	19.7%	77.4%	22.6%	74.7%	25.3%
Data Proc Tech	39.4%	60.6%	56.7%	43.3%	62.9%	37.1%	58.3%	41.7%	55.1%	44.9%
Health Svc Tech	82.9%	17.1%	74.8%	25.2%	77.5%	22.5%	71.5%	28.5%	89.4%	10.6%
Mech & Eng Tech	3.8%	96.3%	8.1%	91.9%	7.6%	92.4%	5.3%	94.7%	8.9%	91.1%
Natural Sci Tech	34.1%	65.9%	79.7%	20.3%	57.1%	42.9%	35.9%	64.1%	37.1%	62.9%
Public Svc Tech	46.8%	53.2%	65.0%	35.0%	66.7%	33.3%	65.4%	34.6%	62.1%	37.9%

Notes: Totals include unknown programs and directed technologies in 1978 and 1992.

Source: Maryland Higher Education Commission Degree Information System

TABLE A-18.
ASSOCIATE DEGREES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

Discipline	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Transfer Programs										
Arts & Sciences	248	239	237	127	243	124	265	165	408	221
Engineering	3	75	8	78	20	80	16	97	8	55
General Studies	1,239	1,724	1,024	711	971	674	1,375	1,061	1,571	945
Teacher Education	132	74	133	39	136	35	261	59	202	55
Bus. Administration	131	282	290	303	404	346	521	398	398	286
Computer Science	n/a	n/a	n/a	n/a	19	41	49	76	35	68
Career Programs										
Bus. & Com. Tech.	720	399	962	413	930	313	832	312	647	204
Data Proc. Tech.	97	179	219	261	323	281	186	158	177	144
Health Svc. Tech.	1,248	171	1,125	138	1,086	118	1,167	176	1,306	229
Mech. & Eng. Tech.	19	286	33	347	22	309	24	278	33	231
Natural Sci. Tech.	30	54	26	42	62	124	60	87	105	110
Public Svc. Tech.	398	459	361	280	295	174	342	201	443	187
Total-All Associate Degrees	4,273	3,947	4,418	2,739	4,511	2,619	5,098	3,068	5,333	2,735
Percentage:										
Transfer Programs										
Arts & Sciences	50.9%	49.1%	65.1%	34.9%	66.2%	33.8%	61.6%	38.4%	64.9%	35.1%
Engineering	3.8%	96.2%	9.3%	90.7%	20.0%	80.0%	14.2%	85.8%	12.7%	87.3%
General Studies	41.8%	58.2%	59.0%	41.0%	59.0%	41.0%	56.4%	43.6%	62.4%	37.6%
Teacher Education	64.1%	35.9%	77.3%	22.7%	79.5%	20.5%	81.6%	18.4%	78.6%	21.4%
Bus. Administration	31.7%	68.3%	48.9%	51.1%	53.9%	46.1%	56.7%	43.3%	58.2%	41.8%
Computer Science	n/a	n/a	n/a	n/a	31.7%	68.3%	39.2%	60.8%	34.0%	66.0%
Career Programs										
Bus. & Com. Tech.	64.3%	35.7%	70.0%	30.0%	74.8%	25.2%	72.7%	27.3%	76.0%	24.0%
Data Proc. Tech.	35.1%	64.9%	45.6%	54.4%	53.5%	46.5%	54.1%	45.9%	55.1%	44.9%
Health Svc. Tech.	87.9%	12.1%	89.1%	10.9%	90.2%	9.8%	86.9%	13.1%	85.1%	14.9%
Mech. & Eng. Tech.	6.2%	93.8%	8.7%	91.3%	6.6%	93.4%	7.9%	92.1%	12.5%	87.5%
Natural Sci. Tech.	35.7%	64.3%	38.2%	61.8%	33.3%	66.7%	40.8%	59.2%	48.8%	51.2%
Public Svc. Tech.	46.4%	53.6%	56.3%	43.7%	62.9%	37.1%	63.0%	37.0%	70.3%	29.7%

Source: Maryland Higher Education Commission Degree Information System

TABLE A-19.
BACHELOR'S DEGREES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	655	1,704	1,248	1,893	1,746	1,637	1,766	1,732	1,396	1,424
Humanities	1,034	564	884	472	858	486	1,323	788	1,264	777
Professions	3,303	925	2,779	660	2,371	511	2,977	751	3,162	779
Science	694	1,649	868	1,799	1,110	2,125	1,153	2,086	1,547	2,269
Social Science	2,613	3,538	2,860	2,644	3,188	2,758	4,262	3,461	4,304	3,462
Total:	8,370	8,396	8,639	7,468	9,273	7,517	11,505	8,819	11,673	8,711
Percentage:										
Business	27.8%	72.2%	39.7%	60.3%	51.6%	48.4%	50.5%	49.5%	49.5%	50.5%
Humanities	64.7%	35.3%	65.2%	34.8%	63.8%	36.2%	62.7%	37.3%	61.9%	38.1%
Professions	78.1%	21.9%	80.8%	19.2%	82.3%	17.7%	79.9%	20.1%	80.2%	19.8%
Science	29.6%	70.4%	32.5%	67.5%	34.3%	65.7%	35.6%	64.4%	40.5%	59.5%
Social Science	42.5%	57.5%	52.0%	48.0%	53.6%	46.4%	55.2%	44.8%	55.4%	44.6%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Degree Information System

TABLE A-20.
MASTER'S DEGREES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	88	510	297	641	469	742	800	1,023	1,074	1,436
Humanities	353	149	305	142	317	173	421	181	452	189
Professions	2,110	990	1,673	731	1,334	618	1,879	826	2,925	1,103
Science	210	474	275	508	459	760	592	1,116	833	1,210
Social Science	349	249	265	188	312	153	462	196	471	210
Total:	3,121	2,394	2,815	2,210	2,891	2,446	4,154	3,342	5,757	4,152
Percentage:										
Business	14.7%	85.3%	31.7%	68.3%	38.7%	61.3%	43.9%	56.1%	42.8%	57.2%
Humanities	70.3%	29.7%	68.2%	31.8%	64.7%	35.3%	69.9%	30.1%	70.5%	29.5%
Professions	68.1%	31.9%	69.6%	30.4%	68.3%	31.7%	69.5%	30.5%	72.6%	27.4%
Science	30.7%	69.3%	35.1%	64.9%	37.7%	62.3%	34.7%	65.3%	40.8%	59.2%
Social Science	58.4%	41.6%	58.5%	41.5%	67.1%	32.9%	70.2%	29.8%	69.2%	30.8%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

(2) Includes unknown programs in 1978 and 1997.

Source: Maryland Higher Education Commission Degree Information System

TABLE A-21.
DOCTORAL DEGREES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

	1978		1982		1987		1992		1997	
Discipline	women	men	women	men	women	men	women	men	women	men
Number:										
Business	0	3	1	2	2	6	2	8	2	11
Humanities	25	10	20	14	10	16	19	25	36	23
Professions	111	149	140	140	158	141	225	190	198	168
Science	56	191	62	165	74	211	99	298	158	338
Social Science	3	29	25	25	22	42	29	33	33	21
Total:	195	382	248	346	266	416	374	554	427	561
Percentage:										
Business	0.0%	100.0%	33.3%	66.7%	25.0%	75.0%	20.0%	80.0%	15.4%	84.6%
Humanities	71.4%	28.6%	58.8%	41.2%	38.5%	61.5%	43.2%	56.8%	61.0%	39.0%
Professions	42.7%	57.3%	50.0%	50.0%	52.8%	47.2%	54.2%	45.8%	54.1%	45.9%
Science	22.7%	77.3%	27.3%	72.7%	26.0%	74.0%	24.9%	75.1%	31.9%	68.1%
Social Science	9.4%	90.6%	50.0%	50.0%	34.4%	65.6%	46.8%	53.2%	61.1%	38.9%

Notes:

(1) The broad subject areas are defined as follows: Business (business and management, business administration, business and commerce technologies); Humanities (the fine and applied arts, foreign languages, letters, and theology); Professions (education, health professions, home economics, law, and public affairs and services and medical technologies); Science (biological and physical science, engineering, mathematics, computer science, directed technologies, agriculture and architecture); and Social Science (area studies, psychology, communications, and other social sciences).

Source: Maryland Higher Education Commission Degree Information System

TABLE A-22.
FIRST-PROFESSIONAL DEGREES AWARDED
BY DISCIPLINE AND GENDER: SELECTED YEARS 1978 TO 1997

Discipline	1978		1982		1987		1992		1997	
	women	men	women	men	women	men	women	men	women	men
Number:										
Dentistry	17	108	22	106	30	68	34	50	39	52
Medicine	71	222	50	248	89	170	101	155	135	140
Pharmacy	1	5	4	3	6	2	7	5	68	36
Law	126	344	183	303	236	282	272	260	267	281
Theology	1	41	3	49	1	92	2	60	0	69
Total:	216	720	262	709	362	614	416	530	509	578
Percentage:										
Dentistry	13.6%	86.4%	17.2%	82.8%	30.6%	69.4%	40.5%	59.5%	42.9%	57.1%
Medicine	24.2%	75.8%	16.8%	83.2%	34.4%	65.6%	39.5%	60.5%	49.1%	50.9%
Pharmacy	16.7%	83.3%	57.1%	42.9%	75.0%	25.0%	58.3%	41.7%	65.4%	34.6%
Law	26.8%	73.2%	37.7%	62.3%	45.6%	54.4%	51.1%	48.9%	48.7%	51.3%
Theology	2.4%	97.6%	5.8%	94.2%	1.1%	98.9%	3.2%	96.8%	0.0%	100.0%

Source: Maryland Higher Education Commission Degree Information System

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TABLE A-23.
PERCENTAGE OF BACCALAUREATE RECIPIENTS FROM FOUR-YEAR PUBLIC INSTITUTIONS EMPLOYED FULL-TIME BY GENDER: SELECTED YEARS 1981 TO 1996

Year	Employed Full-Time		Job Directly Related to Major	
	Women	Men	Women	Men
1981	73.0%	79.0%	54.0%	46.0%
1986	80.8%	84.2%	53.8%	49.7%
1991	74.3%	77.2%	49.2%	45.1%
1993	78.1%	81.7%	50.9%	45.1%
1996	76.2%	81.0%	50.1%	45.3%

Source: Maryland Higher Education Commission Bachelor's Degree Follow-Up Surveys, 1981-1996

TABLE A-24.

MEDIAN ANNUAL SALARIES OF BACCALAUREATE DEGREE RECIPIENTS EMPLOYED FULL-TIME BY GENDER: SELECTED YEARS 1981 TO 1996 (IN CURRENT DOLLARS)

Year	Women	Men	Women/Men Percent
1981	$14,309	$17,750	81%
1984	$17,400	$21,700	80%
1986	$20,200	$23,900	85%
1993	$23,579	$26,499	89%
1996	$26,813	$32,550	82%

Source: Maryland Higher Education Commission Bachelor's Degree Follow-Up Surveys, 1981-1996

TABLE A-25.
OCCUPATIONAL FIELDS OF BACCALAUREATE DEGREE RECIPIENTS EMPLOYED FULL-TIME
BY GENDER: SELECTED YEARS 1981 TO 1996

Occupational Fields	1981		1986		1991		1993		1996	
	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
Accountant/Financial Analyst/Banker/Broker	10.2%	12.2%	10.8%	10.9%	9.0%	10.3%	8.3%	12.1%	13.4%	9.3%
Ed. Admin/Teacher/Counselor/Librarian	14.8%	4.5%	10.5%	2.7%	15.3%	5.7%	19.3%	5.8%	19.0%	5.2%
Manager/Executive/Proprietor	6.2%	12.6%	8.0%	13.6%	6.8%	11.7%	6.5%	11.9%	4.0%	10.8%
Health Professional	15.0%	2.1%	11.9%	2.6%	10.5%	3.0%	10.2%	2.5%	6.1%	1.3%
Engineer/Architect	1.9%	11.8%	2.1%	12.4%	1.4%	7.5%	1.1%	5.7%	1.9%	10.1%
Sales Agent/Representative	4.0%	9.4%	7.1%	8.8%	5.6%	9.2%	5.0%	9.3%	1.8%	7.1%
Computer Programmer/Analyst	4.3%	7.1%	8.5%	14.1%	4.7%	12.0%	4.1%	11.4%	6.5%	13.8%
Writer/Journalist/Public Info/Artist/Entertain	5.1%	3.9%	4.7%	3.1%	3.7%	3.0%	3.8%	3.8%	4.6%	4.9%
Scientist (Social, Life, Math, Physical)/Statist	2.5%	3.1%	2.5%	2.2%	4.0%	4.3%	3.2%	3.5%	3.6%	5.7%
Engineering or Science Technician	1.2%	3.6%	0.8%	3.2%	0.9%	3.4%	0.6%	3.5%	1.5%	4.1%
Health Technician	2.5%	1.4%	2.3%	1.6%	1.6%	0.8%	1.5%	0.8%	1.0%	2.1%
Social Worker	2.7%	0.8%	1.9%	0.6%	2.8%	0.9%	4.0%	1.1%	5.1%	0.7%
Personnel/Labor Rel Specialist	2.3%	1.2%	2.5%	0.5%	2.0%	0.9%	2.3%	0.7%	3.1%	1.9%
Buyer/Purchasing Agent	1.4%	0.7%	1.4%	0.8%	0.9%	0.9%	0.6%	1.0%	0.7%	0.6%
Recreation Worker	0.9%	0.6%	0.7%	0.5%	0.7%	0.7%	0.8%	0.5%	0.3%	0.4%
Legal Paraprofessional	0.2%	0.7%	1.8%	1.3%	2.1%	3.2%	2.4%	3.9%	3.6%	4.8%
Other Professional	7.9%	10.7%	11.1%	9.5%	9.1%	7.1%	9.2%	8.4%	11.2%	9.2%
Subtotal - Professional	**83.1%**	**86.4%**	**88.5%**	**88.6%**	**81.1%**	**84.7%**	**82.9%**	**85.9%**	**87.5%**	**92.0%**
Secretary/Clerical Occupation	11.6%	2.5%	8.6%	2.2%	8.6%	2.4%	13.0%	3.9%	9.2%	3.1%
Sales Clerk, Service, Laborer, Unskilled	3.9%	3.6%	1.6%	2.0%	3.8%	6.6%	3.3%	5.7%	2.5%	1.3%
Skilled Craftworker/operative	0.7%	3.4%	0.4%	2.0%	6.0%	3.0%	0.2%	1.4%	0.2%	0.8%
Subtotal-Nonprofessional	**16.2%**	**9.5%**	**10.6%**	**6.2%**	**18.3%**	**12.0%**	**16.5%**	**11.1%**	**11.9%**	**5.2%**
Armed Forces Personnel	0.8%	4.0%	0.9%	5.2%	0.6%	3.3%	0.6%	3.1%	0.6%	2.8%
Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Source: Maryland Higher Education Commission Bachelor's Degree Follow-Up Surveys, 1981-1996

TABLE A-26.
PERCENTAGE OF COMMUNITY COLLEGE GRADUATES EMPLOYED FULL-TIME BY GENDER: SELECTED YEARS 1980 TO 1996

Year	Full-Time		Job Related to Major	
	Women	Men	Women	Men
1980	51.2%	56.6%	38.5%	28.6%
1986	64.3%	35.7%	50.9%	36.9%
1992	56.3%	53.1%	48.0%	31.3%
1996	58.1%	64.1%	27.8%	31.6%

Source: Maryland Higher Education Commission, Community College Graduate Follow-Up Surveys

TABLE A-27.
AVERAGE ANNUAL SALARIES OF COMMUNITY COLLEGE GRADUATES EMPLOYED FULL-TIME BY GENDER: SELECTED YEARS 1984 TO 1996 (IN CURRENT DOLLARS)

Year	Women	Men	Women/Men Percent
1984	$15,527	$20,380	76%
1986	$18,330	$23,345	79%
1992	$25,249	$27,313	92%
1996	$27,544	$30,218	91%

Source: Maryland Higher Education Commission Community College Graduate Follow-Up Surveys, 1984-1996

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